1st & final bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67432

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Name of work :- Providing drinking water works in ward No-15 in Dasarahalli Division

Estimate Cost :- Detailed Estamation for Establishment of R.O plant in ward No-15

Rs 13.00 lakhs.

Job Code :- 015-17-000019, P code -3110

A.A No :- GE/DZ/AS/124/16-17, Dt. 14.03.17.

T.S No :- EE/DD/TS/134/17-18, Dt. 21.03.17.

W.O No :- EE/DD/WO/014/17-18, Dt. 07-08-17.

Agency :- KRIDL.

Recorded on :-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:1	Earthwork excavation for foundation of buildings, culverts, water supply, Sanitary lines & electrical conduits within plinth thickness 1.5m & above in width in ordinary soil after shaping of sides complete as per Specifications aty brought from this mB vide page No 67475/1					aty ⇒ 7.65 cum	Current
	@ DS 188.68						1443.00/-
Item No:2	Providing & laying in position plain cement concrete of mix 1:4:8 with OPC Cement @ 180 Kgs, with 40mm & down size graded granite metal coarse aggregates @ 0.85 & fine aggregates @ 0.57 cum machine mixed curing complete as per Specifications aty brought from this mB vide page No 67475/1					aty ⇒ 2.07 cum	Current

M. A. R. 57 (Rule 116)
Measurement Book
No. D 67433

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency..... From ..... To .....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ DS 4476.79						10302.00/-
Item No:3	providing & constructing plinth / dado / basalt Size Stone masonry in foundation cement mortar 1:6 than 20 cms high bond Stone hammer dressed on courses Not less curing Complete as per Specifications aty brought from this mB vide page No 67476					aty ⇒ 4.82 cum	
	@ DS 4758.71						19563 : 00 19579.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No: 4 providing & Constructing Granite / trap / basalt Size Stone masonry in basement Cement mortar 1:6 Stone which should dressed in courses not less than 15 cms high bond curing complete as per Specifications.						
18.08.19	L.W	2	4.05	0.45	0.45	1.64 cum	
	S.W	2	2.60	0.45	0.45	1.05 cum	
						2.69 cum	
	@ Rs 4814.52/cum						12951:00 12967.00
	Item No: 5 providing & constructing precast concrete Solid blocks each compressive Strength not less than 35 Kg/Sqcm with Cement mortar 1:4 masonry with Solid Concrete blocks of Size 40x20x20cms curing complete as per Specifications						

M. A. R. 57 (Rule 116) No. D 67434
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	L.W	2	3.80		3.00	22.80 Sqm	
	S.W	2	3.00		3.00	18.00 -11	
	Parapet	2	3.80		0.40	3.04 -11	
03.10.2019		2	3.00		0.40	2.40 -11	
	Steps -	4	3.05		0.15	1.83 -11	
				Total qty		48.07 Sqm	
	Deductions						
	Rolling Shutters	1	3.04		2.50	7.60 Sqm	

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MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Ventilators	2	0.80		0.60	1.08 -11	
	Lintels	2	3.80		0.20	1.52-11	
		2	3.00		0.20	1.20-11	
						11.40 Sqm	
		Total	= 48.07 - 11.40			=> 36.67 Sqm	
		@ Rs 999.59/Sqm					36655.00/-

Item No: 6 Providing & laying in position Reinforced Cement Concrete of design mix M20 with OPC Cement @ 320 Kg/m³, with 20mm & down Size graded Granite metal Coarse aggregates @ 0.878 cu.m & fine aggregates @ 0.459 cu.m with Super plasticiser machine mixed Concrete laid in layers not

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Measurement Book

67435

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	excluding 15mm Thick vitrified including cost of all materials, labour, Hire of machinery during complete as per Specifications.						
	Plinth beam	2	3.80	0.20	0.20	0.30 Cum	
		2	3.00	0.20	0.20	0.24 -11	
	Lintels	2	3.80	0.20	0.20	0.30 -11	
		2	3.00	0.20	0.20	0.24-11	
						=> 1.08 cum	
		@ Rs 6083.34/cum					6631=00
							6618.00

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item No 17	providing & fixing centering, shuttering, strutting, propping etc & removal of form work for vertical surface such as walls at any thickness, including cost complete as per specifications						
	Plinth Beam	4	3.80		0.20	3.04 Sqm	
		4	3.00		0.20	2.40-11	
	Lintels	4	3.80		0.20	3.04-11	
		4	3.00		0.20	2.40-11	
	16-10-2019					10.88 Sqm	
	@ Rs	301.04 Sqm					3275.00/-

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Measurement Book

Serial No. 5743

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item No 8	filling available excavated earth in lieu of foundations etc to filled in layers not exceeding 20cms in depth, consolidating each deposited layer by labour complete as per specifications						
	50% of the qty vide item No 1				qty	3.53 cum	
	@ Rs 127.20/cum						
Item No 9	providing & fixing to wall, ceiling & floor as directed mild steel tube 50mm dia nominal bore with fittings & item of appurtenances & testing complete as per specifications						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	4.00			16.00 mts	
		3	3.40			10.20 -4	
						26.20 mts	Carried over
		@ Rs	534.24/mts				13997.00/-
	Item No 10 providing & fixing 6 mm Bronze mulli Wall Poly Carbonati Sheet for tubular Structure the work including cost of all materials, labour, charges & hire complete as per Specifications						
		1	4.00	3.50		14.00 Sqm	Chp
		@ Rs	2521.74/Sqm				35304.00/-
							Carried over

M. A. R. 57 (Rule 116) No. D 67437

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 11 providing & laying in position Reinforced Cement Concrete of design mix M30 with OPC Cement @ 27.20 kgs, with 12 mm & down Size graded granite metal coarse aggregate @ 0.8865 cum & fine aggregate @ 0.391 cum with Superplasticizer @ 0.225 Ltrs including cost of all materials, labour, Hire of machinery curing complete as per Specifications						
	Chajja	1	3.50	0.75		2.63 Sqm	
		2	1.80	0.75		1.80 -4	
						4.43 Sqm	2301.00
	@ Rs	@ Rs	517.40/Sqm				2298.00/-
							Carried over

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No:-12 providing & removing Centering, Shuttering, Strutting, propping etc. for Chajja's Lintels etc. labours complete as per Specifications						
	Chajjas	1	3.50	0.75		2.63 Sqm	
		2	1.80	0.75		1.80 - 11 -	
						4.43 Sqm	
		@Rs 278.78/Sqm					1234.00/-
	Item No:-13 providing 18 mm thick Cement plaster in Single Coat with Cement mortar 1:4 to Brick masonry including cost of materials, labour, curing complete as per Specifications						
	out Side plastering LD	2	3.50		3.00	21.00 Sqm	
	SW	2	3.00		3.00	18.00 - 11 -	
						39.00 Sqm	

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deductions Rolling Shutters	0.50	3.64		2.50	3.80 - 14 -	
	Ventilators	1	0.90		0.60	0.54 - 14 -	
						4.34 Sqm	
		Net qty	39.00 - 4.34			= 34.66 Sqm	Carried
		@Rs 222.60/Sqm					7715.00/-
	Item No:-14 providing 18 mm thick Cement plaster in Single coat with Cement mortar 1:4 to Brick masonry including cost of materials, labour, curing Complete as per Specifications						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Inside plastering qty as per bid Item No:-13					qty = 34.66 Sqm	Carried
		@ Rs	882.66	/Sqm			7715.00/-
Item No:-15	providing time rendering for plastering to wall & ceiling, including cost of materials complete as per specifications. qty vide Item No:-14					qty = 34.66 Sqm	Carried
		@ Rs	25.44	/Sqm			882.00/-
Item No:-16	providing & applying two coats with oil bound washable distemper of approved brand & shade on wall surface including priming coat						

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Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost of materials labour complete as per specifications qty vide Item No:-14					qty = 34.66 Sqm	Carried
		@ Rs	68.96	/Sqm			2425.00/-
Item No:-17	providing white washing to new wall surface in two coats with lime of approved quality complete as per specifications. qty vide Item No:-13					qty = 34.66 Sqm	Carried
		@ Rs	8.48	/Sqm			294.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 18 providing & applying enamel metal paint two coats over a coat Steel & other metal surface thrishing etc give uniform shade after cleaning oil complete as per Specification						
	Rolling Shutters	2.35×2	3.04		0.50	34.20 Sqm	
	ventilators	1×5	0.90		0.60	1.08-11	
						35.28 Sqm	Carried
		@ Rs	83.71 Sqm				2954.00/-
	Item No. 19 providing & fixing special make glazed vitrified tiles of approved make quality & colour of size 600×600×10 mm thick complete including providing spacers at required interval & removing stains etc. complete						
	floor area	1	3.50	3.00		10.50 Sqm	

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wall portion	2	3.50		1.20	8.40-16	
		2	3.00		1.20	7.20-11	
						26.10 Sqm	Carried
		@ Rs	1216.88/Sqm				31761.00/-
	Item No. 20 providing & laying / fixing cement base, precast, pre polished cement concrete design size 2 mm thick conforming heavy duty tiles for flooring, treads including cost of all materials taking complete as per Specifi						
		4	3.05		0.45	5.49 Sqm	
		@ Rs	1116.18/Sqm				6128.00/-
							Carried

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No: 21 Providing & fixing in position in Cement Concrete 1:3:6 Steel glazed windows & ventilators Sash Swing / Side Swing fully openable as per approved drawings using Z angles of 25 x 35 x 3mm weighing 1.48 kg/m both for outer & inner frames & Central mullion Section of Size 25 x 16 x 3 mm weighing & fixing with Iron Cost of Supply and labour & Hoisting machinery Complete as per Specifications						
		2	0.90	0.60	1.08 Sqm	Correct	
		@ Rs	3811.76/ Sqm			4117.00/-	
	Item No: 22 Providing 7mm-T Steel Reinforcement for RCC work including Straightening Cutting; bending Hooking, placing in position, lapping & / & welding wherever required laying cost bending Hoisting machinery Complete as per Specifications						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. 67441

Name of work

Name of Contractor of nature of Agency From To

Date of commencement of work

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	city bought from the MB page No - 67447(P)						
						city 7 0.50 tonne Correct	
		@ Rs	68513.10/tonne				34257.00/-
	Item No: 23 Providing & fixing full & push type Rolling Shutter of approved make out of 18 gauge 75mm wide Cold Rolled Steel slats of corrugation with side guides & bottom rail with interlocking arrangements for Steel with handles with all fittings & accessories painted with a coat of red lead paint Cost of materials Hoisting machinery Complete as per Specifications						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	3.00		2.50	7.50 tonne	Carried
		@ NS 2838.68/tonne					21290.00/-
	Item No 94 Cutting of road surface for pipeline trenches & disposing of the excavated stuff as directed including chamfering cement concrete road	1	10.00	0.60	0.30	1.80 cum	Carried
		@ NS 604.30/m					1088.00/-
	Item No 95 Earthwork excavation for foundation of buildings, water Supply Sanitary lines & electrical conduits within 30 cm & in trenches 1.5m & above in width in hard soil after breaking of clods complete as per Specifications						

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

67442

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	10.00	0.60	0.90	1.80 cum	Carried
		@ DS 283.0 cum					509.00/-
	Item No 96 Providing & fixing in trenches galvanized mild Steel tubes 40mm dia nominal bore with all fittings Hoisting of equipments & testing complete as per Specifications	1	10.00			10.00 mtr	Carried
		@ NS 399.60/mtr					3996.00/-

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116) No. 0

Measurement Book

Serial No.

Name of Work

Name of Contractor or Nature of Agency

Date of Commencement of Work

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	30.00			30.00 mtr	Carried
		@ Rs	53.00/mtr				1590.00/-
	Item No: 31 Supplying 7/18 ST with Paintable Circular channels in 5m under made out of 1.5 HR powder coated paint of approved colors 32 AMPS Group A						
		1	1.00			1.00 No	Carried
		@ Rs	1868.00/No				1868.00/-
	Item No: 32 Supplying & fixing 20" x 20" x 2.5" polished wood beaded made up not less than 15cm thick blank with front blank using through bolts & Nuts						
		1	1.00			1.00 No	Carried
		@ Rs	302.00/No				302.00/-

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Measurement Book

67444

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Item No: 33 Supplying & wiring adopting loop System in existing PVC conduit/ casing capping using copper PVC insulated multi strand 2 x 1.5 Sqm in copper wire Round block complete for each outlet						
	a) Short point upto 3 mtr from tapping point to out let via switch					1 No	Carried
		1	1.00				176.00/-
		@ Rs	176.00/No				
	b) long point upto 6 mtrs upto 10 mtr from tapping point to out let via Switch						
		1	1.00			1.00 No	
		@ Rs	379.50/No				380.00/-
							Carried

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No: 34	Supplying 6A flush / ~~Projected~~ type Socket & 6 Amps flush / ~~Projected~~ type SP Switch with Surface / flush mounting in a existing wiring wiring necessary capacity box as required.						
		1	1.00			1.00 No.	Laurens
		@ Rs	116.60/No				117.00/-
Item No: 35	wiring for lighting / power circuit using 1100V grade multistrand copper conductor Single core 6 TO FRLS PVC insulated Group A. As per						
		1	1.00			1.00 No	Laurens
		@ Rs	42.10/No				42.00/-
Item No: 36	Supplying fixing PBBC batten Straight & Slant batten holder & wiring within 60W/230 volts lamps						

M. A. R. 57 (Rule 116) No. D

Measurement Book

67445

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	1.00			1.00 No	Laurens
		@ Rs	61.60/No				62.00/-
Item No: 37	Supplying & fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 Hz / 24 V DC.						
		1	1.00			1.00 No	Laurens
		@ Rs	430.00/No				430.00/-
Item No: 38	Supplying & fixing porcelain fuse channel with ~~flat~~ cut out on the existing wooden block & wiring complete 32 AMPS						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	1.00			1.00 No	Carried
		Add	180.00				180.00
Item No: 39	Supplying & fixing miniature Circuit Breakers / isolators on existing MCB distribution boards complete as required 32 Amps						
		1	1.00			1.00 No	Carried
		Add	1105.50/No				1106.00
Item No: 40	Supplying & fixing class-A (medium duty) GI pipe wall thickness not less than 1.25mm on pole for UG cable of 1.1 KV class 65 mm.						
		1	9.00			9.00 Mtrs	Carried
		Add	585.00/Mtr				5265.00

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Measurement Book

67446

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item No: 41	Digging of trench 0.6m wide x 0.50m wide including the trench to the required ground level complete as per specification & direction of the Engineer-in-charge.						
		1	47.00			47.00 mtrs	Carried
		Add	105.00/mtr.				4982.00
Item No: 42	Supplying laying of 1.1 KV class 2 TV of cable having aluminium conducted PVC insulated extruded inner sheath galvanised steel strip (except 2CX10 Sq m m wire armoured of Group A 3 cable up to 25 Sq mm.						

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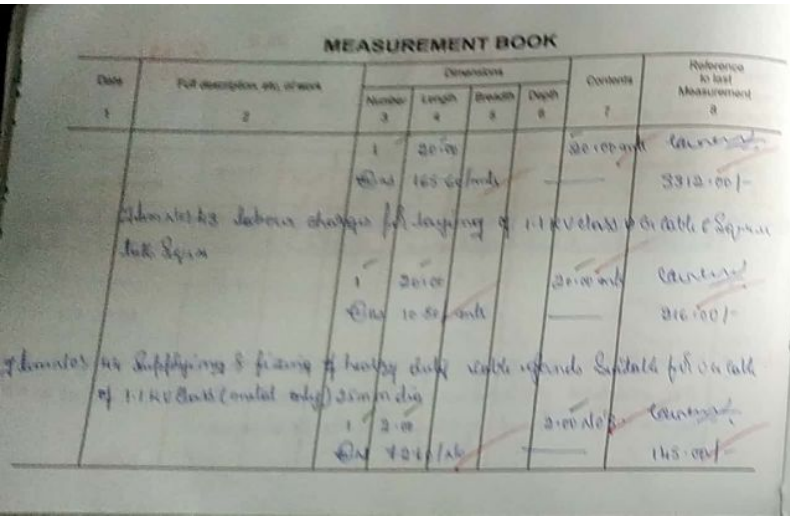
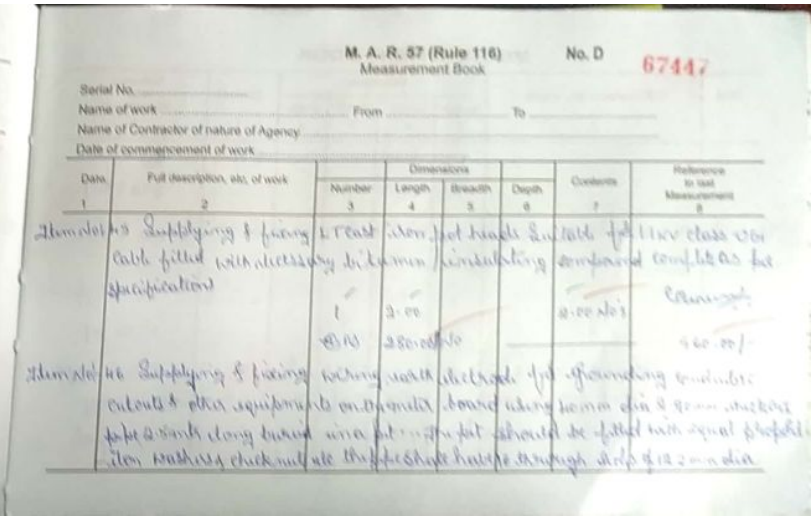


MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	20.00			20.00 mtr	Carried
		Qty	165 Rs/mtr				3312.00/-
	Item No 43 Labour charges for laying of 1.1 KV class of Cable & Separate Task Sheet						
		1	20.00			20.00 mtr	Carried
		Qty	10.80 /mtr				216.00/-
4 Meters	Item No 44 Supplying & fixing 4 heavy duty cable glands Suitable for 4 Cable of 1.1 KV Class (Outlet adp) 25 mm dia						
		1	2.00			2.00 Nos	Carried
		Qty	72.50 /Nos				145.00/-



M. A. R. 57 (Rule 116) No. D 67447
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc., of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item No 43	Supplying & fixing 1.1 KV class XLPE Cable fitted with necessary brass gland & aluminium lugs complete as per specification						
		1	2.00			2.00 Nos	Carried
		Qty	230.00 /Nos				460.00/-
Item No 44	Supplying & fixing heavy duty cable glands suitable for 4 core 1.1 KV class XLPE cables of reputed make complete as per specification						
		1	4.00			4.00 Nos	Carried
		Qty	72.50 /Nos				290.00/-

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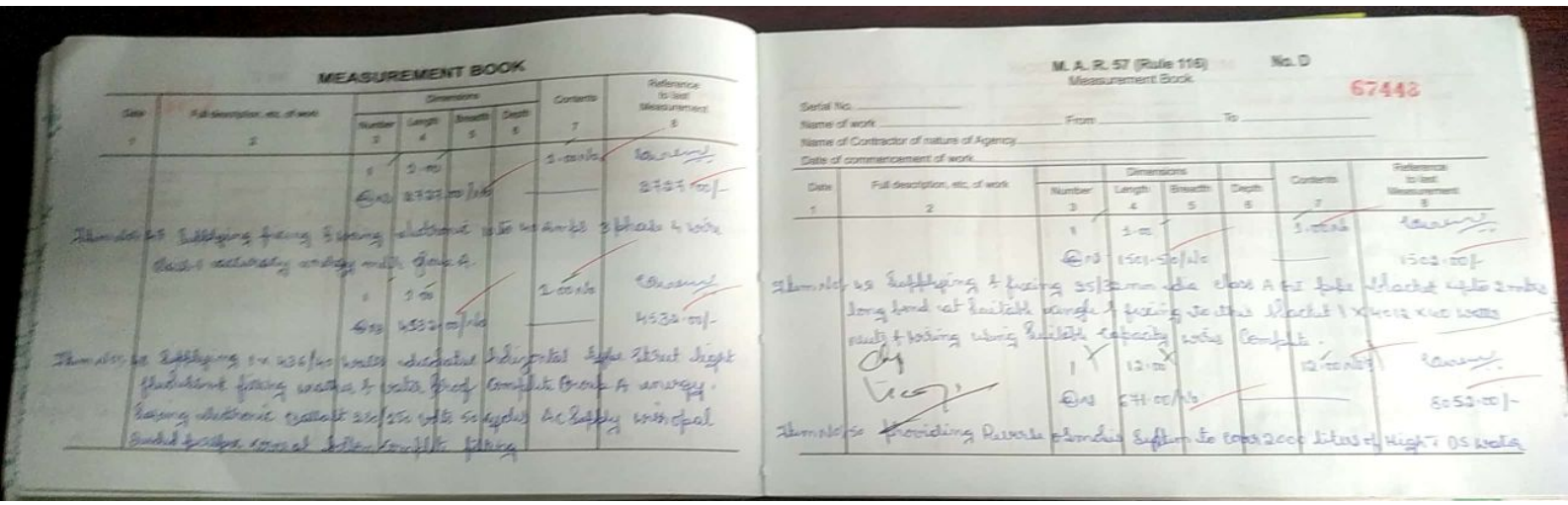

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	1·00			1·00 Nos	Measurement
		Grand Total	2737·00 Nos				2737·00/-
	Item No 48 Supplying fixing & using electronic type two switch 3 plate 4 way flush mounting modular plate &.						
		1	1·00			2·00 Nos	Measurement
		Grand Total	4532·00 Nos				4532·00/-
	Item No 49 Supplying 1·5 sq mm 650/1100 volts annealed tinned copper flexible single core PVC insulated fixing wires & volts Proof Complete Brand & warranty. Laying electronic ballast 36/40 watts as supply AC Supply municipal Sealed tubular round bifurcated fitting						

M. A. R. 57 (Rule 116) No. D
Measurement Book

67448

Serial No. _____
Name of work _____ From _____ To _____
Name of Contractor of nature of Agency _____
Date of commencement of work _____

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	1·00			1·00 Nos	Measurement
		Grand Total	1501·00 Nos				1501·00/-
	Item No 50 Supplying & fixing 35/36 mm wide class A ISI Tube Marked upto 2 mts long hard set Bakelite strength & fixing to steel Marked 1 X 40 X 40 watts result & testing using Bakelite capacity watts Complete.						
		1	12·00			12·00 Nos	Measurement
		Grand Total	671·00 Nos				8052·00/-
	Item No 51 Providing Rewire plumbing Sufficient to cover 200 litres of High 05 watts						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	per hour						
	Flow Rate						
	Feed water - 5000 LPH						
	Treated water - 3000 LPH						
	Rejected water 2000 LPH						
a)	Raw water pump						
b)	Sand media filter						
c)	Activated carbon filter						
	Dosing System						
d)	micron filter						
e)	High pressure pump.						
	RO cleansing System						

M. A. R. 57 (Rule 116) No. D

Measurement Book

67419

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	f) electrical panel.						
	g) instrumentation.						
	h) P H dosing System.						
	~~Electrical work~~.	1	1.00			1.00 No.	
	@ Rs 860000.00/No						860000.00/-
	Electrical work (R.O plant work).						

Item No. 1-51 Supplying & wiring adopting dosing System in existing PVC conduit/casing

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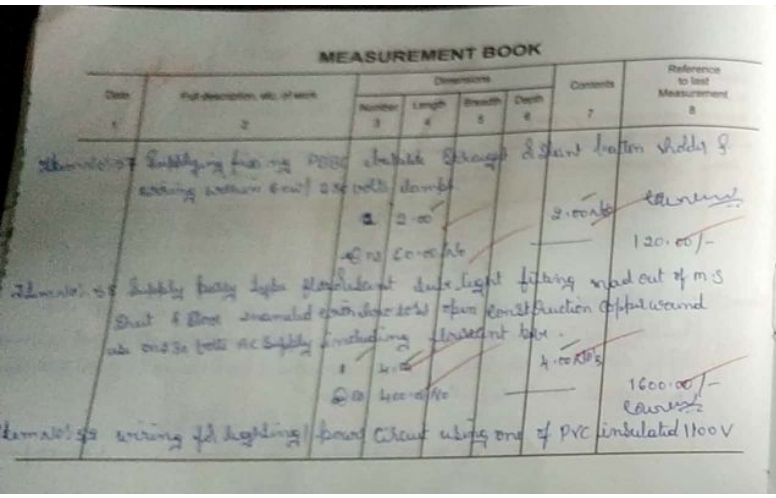

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
Item No. 57	Supplying fixing PVC flexible Strength & Steel bottom shields & casing within 6 cm/ 2 No walls/ dumb						
		@	2.00			2.00 Nos	Carried
		@ Rs	60.00 /Nos			—	120.00/-
Item No. 58	Supply fixing light fixture point complete with light fitting mild out of M.S Sheet & Steel enameled with shade 20 G as upon construction office wound with one 36 watts AC Supply including Resistant box.						
		1	Nos			4.00 Nos	
		@ Rs	400.00/Nos			—	1600.00/- Carried
Item No. 59	wiring of lighting board Circuit using one of PVC insulated 1100 V						

M. A. R. 57 (Rule 116) No. D
Measurement Book
67452

Serial No. _____
Name of work _____ From _____ To _____
Name of Contractor of nature of Agency _____
Date of commencement of work _____

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Flash, multistrand Copper conducted Single Cole Cable on Plastered System of wiring						Carried
		6	5.00			30.00 Nos	
		@ Rs	15.00/ Point			—	450.00/-
Item No. 60	Supplying & fixing cast aluminium Sword & strong light bulb head fitting with GI wire guard glass lamp with 60 feet walls 230 V earth as Supplied.						
		1	4.00			4.00 Nos	
		@ Rs	319.00/Nos			—	319.00/- Carried

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
10/11/20	Item No: 61 Supplying & fixing wiring, earth wire/cable for grounding conduits ic outlets & other equipments on the main board using 16mm dia & 2mm thick GI pipe 3.5mts long buried in a pit the pit should be filled with equal proportion using 12mm dia rivets, nuts washers & Checknuts etc the pipe shall have of 125mm dia	1	1.00			1.00 Nos	
	@RS 2727/- each						2727.00/-
						bill amount =>	1191918.00
							1191901 : 00
	KRIDL charges @ 9% =>						107271.00/-
	-Total amount =>						1299191.00/-
							1299172 : 00

Audited and admitted for Rs. 1299172 : 00
Passed by Cheque for Rs. 1149858 : 00
(Eleven Lakh, Forty, Nine Thousand Eight Hundred Fifty Eight Only)
in full 149314 : 00

Accounts Officer/Assistant — Exe. Engineer
P.D. M.P. Dasarahalli Division

09/12/19

M. A. R. 57 (Rule 116)
Measurement Book

7453

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Twelve lakhs ninety nine thousand one hundred & Ninety one Rupees only.						

Certificate

1) The work spot has been inspected if found to be necessary
2) The work spot comes under BBMP limits
3) The provisions made in the estimate are necessary & minimum.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪಿ.ಡಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಕಿಯಿರುವ ಮೊತ್ತ ರೂ.

09/12/19

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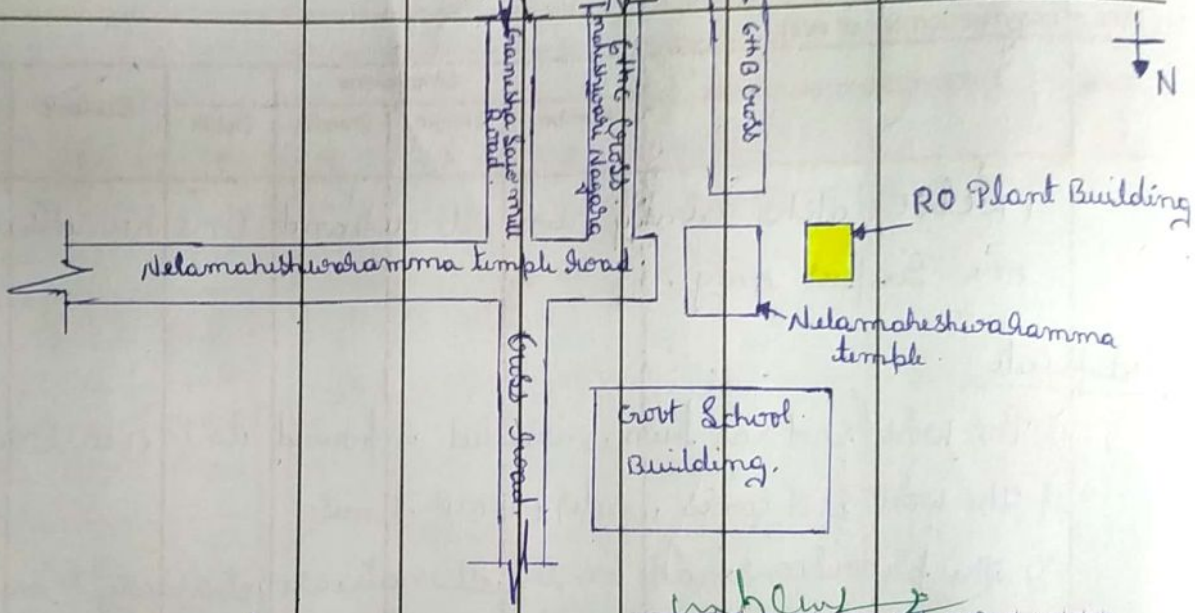
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜಿ. ದಾಪರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಜಿ.ಕೆ.ಎಂ.ಪಿ.
ಬೆಂಗಳೂರು-560073.

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